

Work Order ID 50354



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July 13, 2009 12:02:49 PM

Item ID: D3672-5

Accept



Setup Start



Revision ID: B

Stop



Item Name: Phenolic Washer

Start Date: 7/15/09 Start Qty: 500.00



Cust Item ID:

Required Date: 7/15/09 Req'd Qty: 500.00



Customer:

Reference:

Approvals: Process Plan: CL 09/07/14

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr Revision Nbr

D3672 Rev B

100

0.00



PURCHASING

CL 09/07/14 500

Purchasing

Memo

0.00

Purchasing

Issue P/O: 10055 ☐ Purchase Part Number: MM .562 OD X .326 ID X.062
+/- .002 ☐ Supplier: HASKINS INDUSTRIAL ☐ Certificate of conformity is required

110

0.00



Receive & Inspect for Damage & Mat'l Certs

CL 9/7/17 500

Packaging

Memo

0.00

Packaging

Ensure certificate of conformity is attached

120

0.00



QC6- Inspect dimensions to drawing

27 8 02/7/20

500 f

QC

Memo

0.00

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 50354

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Item Name: Phenolic Washer

Start Date: 7/15/09

Start Qty: 500.00



Cust Item ID:

Required Date: 7/15/09

Req'd Qty: 500.00



Customer:

Reference:

Run Start



Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Stop



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location

0.00



Packaging

Memo

0.00

Packaging

7/17/09 SQ SQ

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/07/2009

W. G. J. W.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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July 13, 2009 12:02:49 PM

Work Order ID: 50354



Parent Item: D3672-5RevB



Parent Item Name: Phenolic Washer



Start Date: 7/15/09

Required Date: 7/15/09

Comments:

Start Qty: 500.00

Required Qty: 500.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3672-5P  WASHER		Purchased	No				Each	0.0000	500.0000 			

7/17/09 (500)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

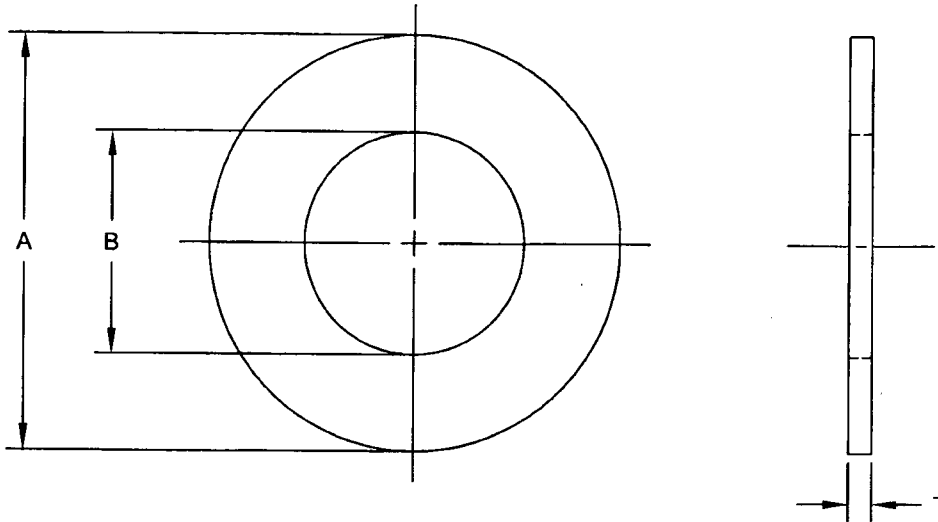
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING



C809107114
Q101.50354

Dart P/N	A (IN)	B (IN)	T (IN)	SUPPLIER P/N	REPLACES
D3672-1	0.437	0.210	0.031	MM .437OD x .210ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H3L
D3672-3	0.500	0.267	0.031	MM .500OD x .267ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H4L
D3672-5	0.562	0.326	0.062	MM .562OD x .326ID x .062 +/- .002 PHENOLIC FLAT WASHER	NAS1515H5
D3672-7	0.562	0.328	0.031	MM .562OD x .328ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H5L
D3672-9	0.625	0.390	0.031	MM .625OD x .390ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H6L
D3672-11	0.750	0.453	0.031	MM .750OD x .453ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H7L

NOTES:

- 1) MATERIAL: NONE - SEE NOTE #8
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A
- 8) PURCHASE INFO: PARTS ARE SUPPLIED FROM HASKINS INDUSTRIAL INC. IN QUANTITIES OF 1000

RELEASED

07.11.06 M

B	ADD -5/-7/-9/-11	DC	07.10.09
A	NEW ISSUE	DC	07.08.28
REV.	DESCRIPTION	BY	DATE
DESIGN	<div style="font-size: 1.5em; font-weight: bold;">DC</div> <div style="font-size: 1.5em; font-weight: bold;">DC</div> <div style="font-size: 1.5em; font-weight: bold;">DC</div> <div style="font-size: 1.5em; font-weight: bold;">DC</div> <div style="font-size: 1.5em; font-weight: bold;">DC</div>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3672	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.	PHENOLIC WASHER	NTS	
DATE	07.10.09	<small>COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

RT
spaceDart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO10055

Purchase Order Date 7/13/09
PO Print Date 7/14/09

Page Number 2 of 2

VC-HAS001

Order From :

HASKINS INDUSTRIAL
5-52 ANTARES DRIVE
NEPEAN, ON K2E 7Z1
CAContact Name
Vendor Phone 613 723 8800
Vendor Fax 613 723 8806
Vendor Account NbrBuyer
Requisition Nbr
Tax Resale Nbr 6122-5207
Terms Net 30
Currency CAD
FOB

5	CE CL-260-HTC CLAMP	7/16/09 Yes	6.00 Each	Dicom	\$12.7400	\$76.44
6	Deliver To: CNC A012 JOBBER DRILL "O"	7/16/09 Yes	10.00 Each		\$4.4800	\$44.80
7	Deliver To: CNC A012 JOBBER DRILL "E"	7/16/09 Yes	10.00 Each	Dicom	\$2.5100	\$25.10
8	Deliver To: CNC 500-754-10 12" CALIPER	7/16/09 Yes	1.00 Each	Dicom	\$364.0800	\$364.08
9	Deliver To: JASON/ERIC D3672-5P WASHER	7/20/09 Yes	500.00 Each	Dicom	\$0.4100	\$205.00
Special Inst: AS PER DWG D3672 REV. B B50354 HASKINS P/N: MM.562 OD X .326 ID X .062 +/- .002					PO Total:	\$1,400.60

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERYNo substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 7/14/09

M.M. SALES ADMINISTRATRIX LTD.

7650 KIMBEL STREET
UNIT # 35
MISSISSAUGA, ONTARIO
L5S 1L2

PACKING SLIP

ISO 9001-2000
Registered

Date	Invoice #
16/07/2009	1817

Invoice To
HASKINS INDUSTRIAL INC 5- 52 ANTARES DRIVE NEPEAN, ONTARIO K2E 7Z1

Ship To
DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY, ONTARIO K6A 1K7 TAG P.O. # 10055

P.O. No.	Terms	Ship Via	FOB
200484	NET 30 DAYS	PUROLAT...	MISSISSAUGA

Description	Qty
P/N MMS-D3672-5 PHENOLIC FIBRE FLAT WASHER .562 X .326 X .062 +/- .005 <i>8 or 12/20</i> PUROLATOR ACC.# 7684382 GST On Sales	500

GST/HST No.

BN8890552